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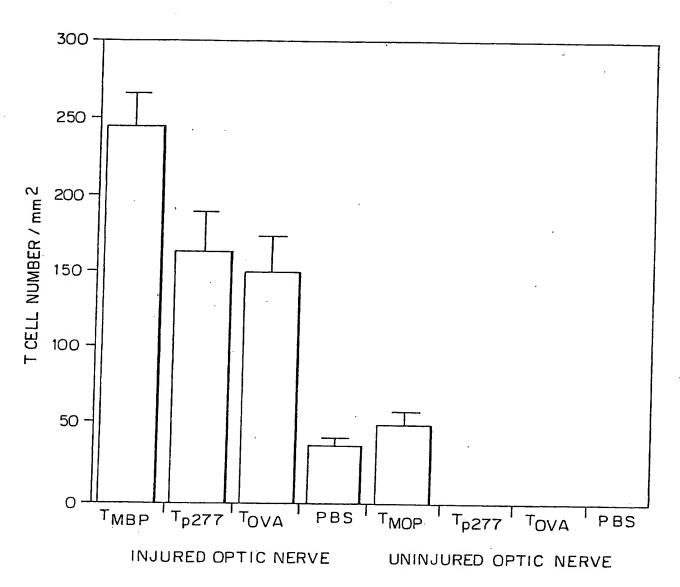
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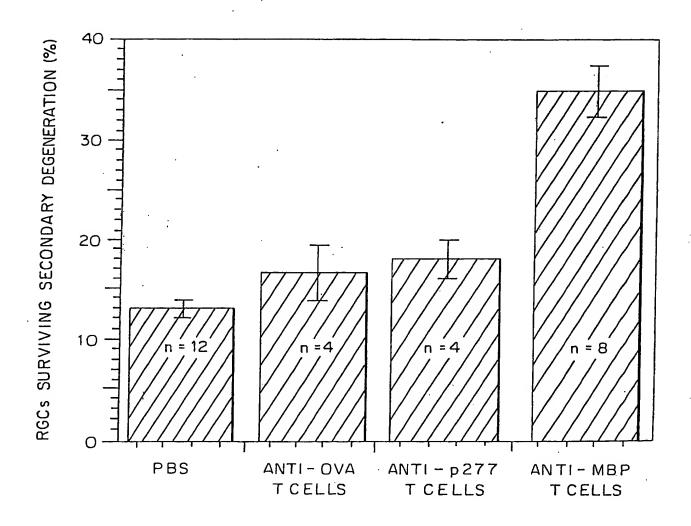
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F/G. 1



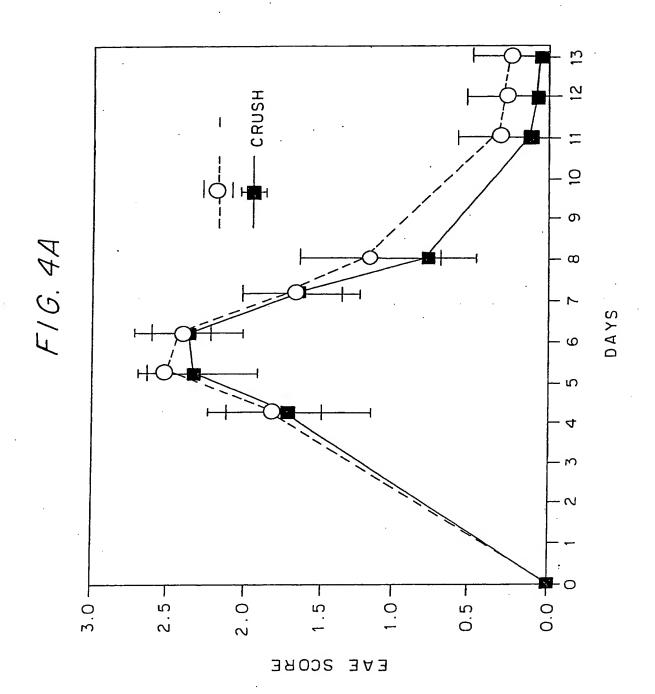
F1G.2



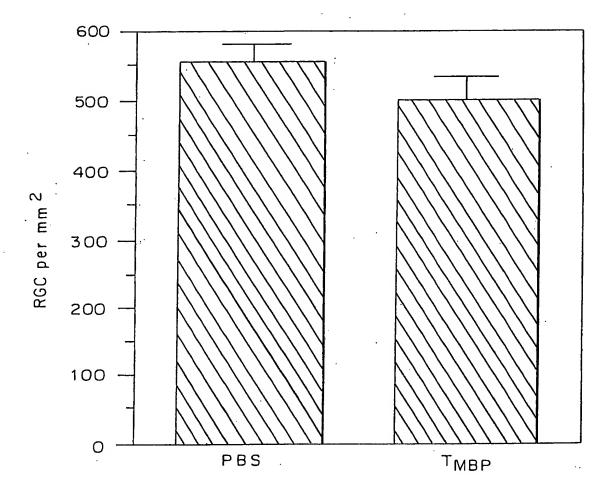
F16.3C



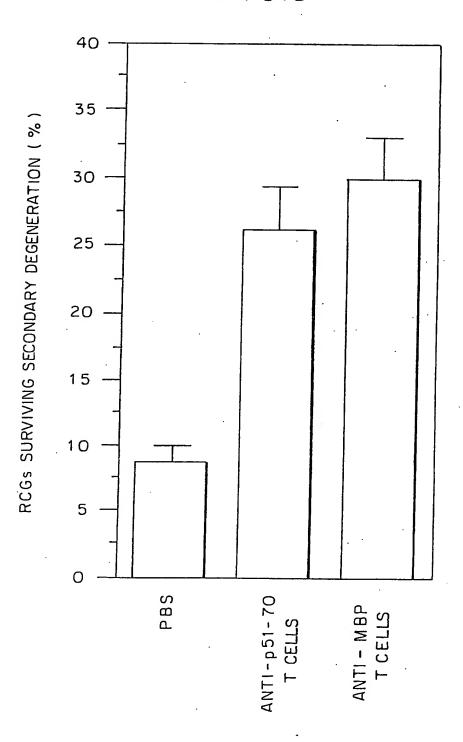
160 µm



F/G. 4B



F/G.5



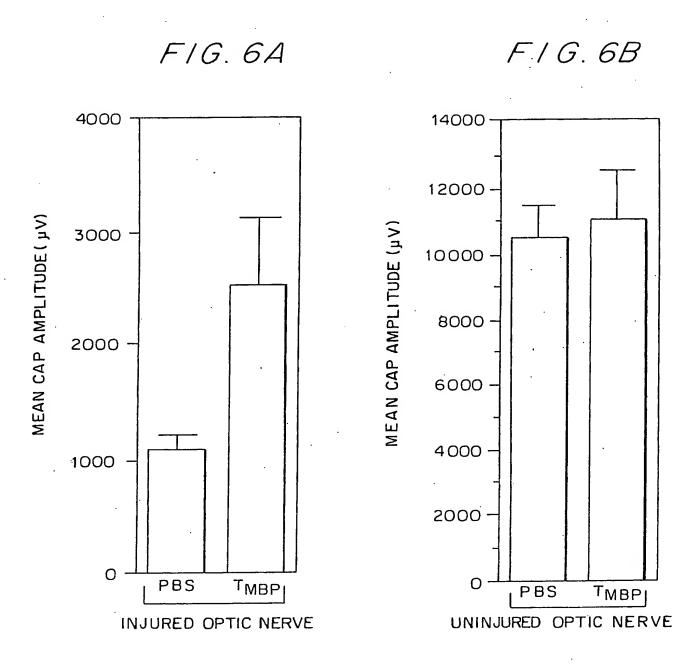
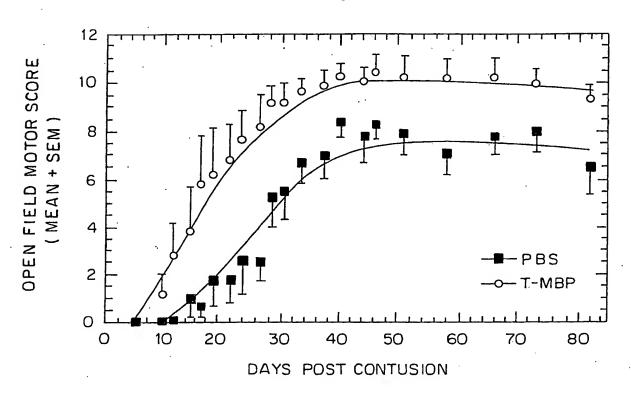


FIG. 7A



F1G. 7B

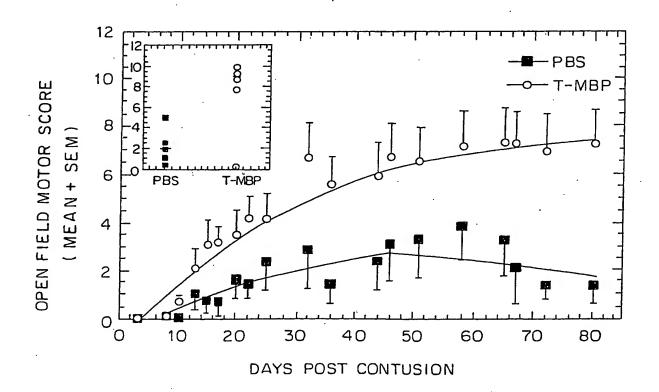
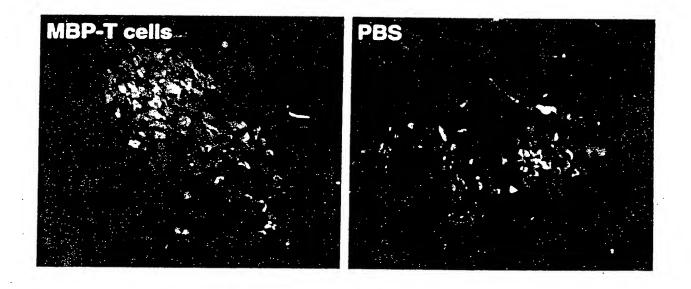
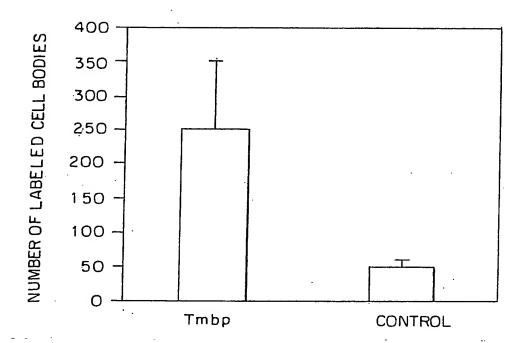


FIG.8A

F1G.8B



F1G. 8C



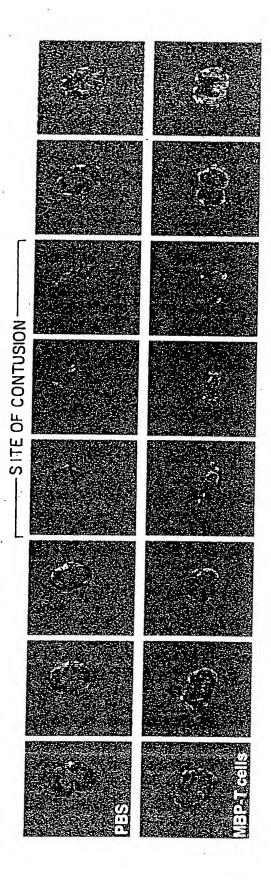


FIG. 12A FIG. 12B

FIG. 12D

FIG. 12E Proximal

GFAP

B7.2

Distal

900jim

F1G. 12C

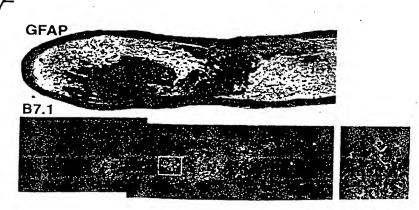
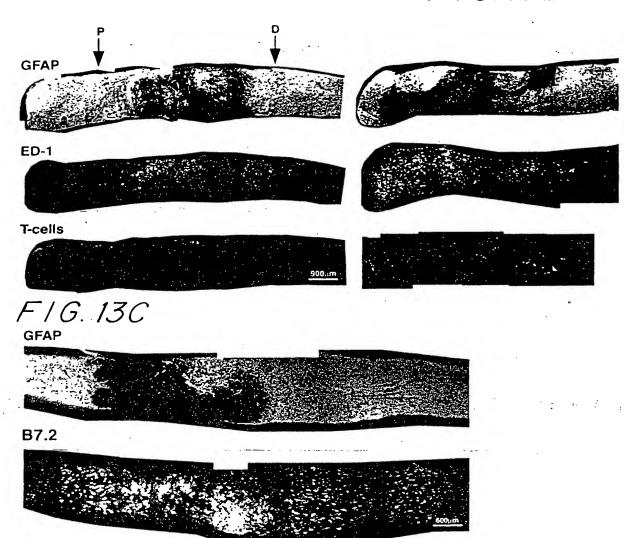
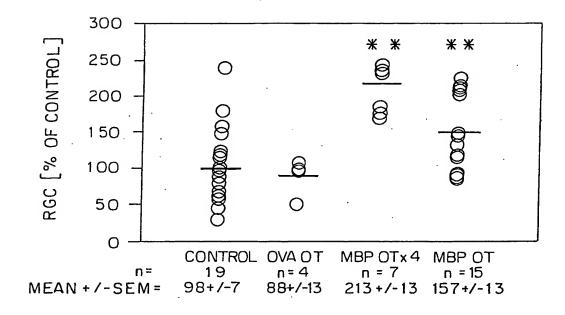


FIG. 13A

F/G.13B



F/G. 14



EXPERIMENT GROUP

F1G.15

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	61	ctcacagcga	cacggatcca	agtacttggc	cacagcaagt	accatggacc	atgcccggca
1	21					tccatcgggc	
	81	caataacaaa	ggtgcgcca	agcggggctc	tggcaaggac	tcacacacaa	gaactaccca
	41	ctacqqctcc	ctgccccaga	agtcgcagag	gacccaagat	gaaaacccag	tagtccactt
	01	cttcaagaac	attqtqacac	ctcqtacacc	ccctccatcc	caaggaaagg	ggagaggcct ⁻
	61	gtccctcagc	agatttagct	ggggaggaag	agacagccgc	tctggatctc	ccatggcaag
	21	acgctgagag	cctccctqct	caqcettece	qaatcctgcc	ctcggcttct	taatataact
	81	gccttaaacg	tttaattcta	cttqcaccaa	atagctagtt	agagcagacc	ctctcttaat
	41					ctgactggct	
•	01	atccctttt		J - J J J J - ,	. 55		

F1G.16

```
1 gaaaacagtg cagccacctc cgagagcctg gatgtgatgg cgtcacagaa gagaccctcc
  61 cagaggcacg gatccaagta cctggccaca gcaagtacca tggaccatgc caggcatggc
  121 ttcctcccaa ggcacagaga cacgggcatc cttgactcca tcgggcgctt ctttggcggt
  181 gacaggggtg cgccaaagcg gggctctggc aaggactcac accacccggc aagaactgct
 241 cactatggct ccctgcccca gaagtcacac ggccggaccc aagatgaaaa ccccgtagtc
 301 cacttettea agaacattgt gaegeetege acaceaeeee egtegeaggg aaaggggaga
 361 ggactgtccc tgagcagatt tagctggggg gccgaaggcc agagaccagg atttggctac
 421 qqaqqcaqaq cqtccqacta taaatcqqct cacaaqqqat tcaaqqqagt cqatqcccaq
 481 ggcacgettt ccaaaatttt taagetggga ggaagagata gtegetetgg atcacecatg
     gctagacgct gaaaacccac ctggttccgg aatcctgtcc tcagcttctt aatataactg
 661 aatgeetgeg gagttgtgea egtagtaggg teaggeeaeg geageetaee ggeaatttee
     ggccaacagt taaatgagaa catgaaaaca gaaaacggtt aaaactgtcc ctttctgtgt
 721
 781 gaagatcacg ttccttcccc cgcaatgtgc ccccagacgc acgtgggtct tcagggggcc
 841 aggtgcacag acgtccctcc acgttcaccc ctccaccctt ggactttctt ttcgccgtgg
 901 ctcggcaccc ttgcgctttt gctggtcact gccatggagg cacacagctg cagagacaga
 961 gaggacgtgg gcggcagaga ggactgttga catccaagct teetttgttt tttttteetg
1021 tccttctctc acctcctaaa gtagacttca tttttcctaa caggattaga cagtcaagga
1081 gtggcttact acatgtggga gctttttggt atgtgacatg cgggctgggc agctgttaga
1141 gtccaacgtg gggcagcaca gagagggggc cacctcccca ggccgtggct gcccacacac
1261 aatggcetea cataggaaac agggtettee tggagatttg gtgatggaga tgtcaagcag
1321 gtggcctctg gacgtcaccg ttgccctgca tggtggcccc agagcagcct ctatgaacaa
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1441 agaagggtag gagteeteta gaeageeteg eageegegee agtegeeeat agacaetgge
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     gataaccggc tcattcactt cctcccagaa gacgcgtggt agcgagtagg cacaggcgtg
    cacctgctcc cgaattactc accgagacac acgggctgag cagacggccc ctgtgatgga
1621
1681 gacaaagage tettetgace atateettet taacaceege tggcatetee tttegegeet
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1801 caaagagtcc cacgctggca tcaccctccc cgaggacgga gatgaggagt agtcagcgtg
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F1G.17A

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61	ttgtgctgca	Latectacac	caaccagace	caaggaceag		
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				aaaaaata	aaacaattoo	cagtgaaagg
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241	cacasacada	agatggagcc	cttagagaag	ggagtatccc	tgagtaggtg	gggaaaaggg
241	cagaaagaga	ugu 055 -5		22 2	atacetttaa	aggattage
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261	tatanatana	aaaggggttt	tcattgcagg	agaagaggac	aaagatactc	agagagaaaa
30T	Lythaathay	aaageeeeee			ttaaaaataa	acasactesc
421	agtaaaagac	cqaaqaagga	ggctggagag	accaggatee	Clecagetga	acadagecag
		anathagagag	ccaactacaa	ttggagtgag	agtcccaaag	acatgggtaa
481	ccacaaagca	gactagecag	ccggccacaa	6693436643	3	:
541	otttcaaaaa	ctttagcatt	gaagattcaa	gaggacacag	g .	
301 361 421 481	gaggagaagg tgtcaatcag agtaaaagac ccacaaagca	ggaggaggag aaagcccttt cgaagaagga gactagccag	aggaggagga tcattgcagg ggctggagag ccggctacaa	aagcaggcct agaagaggac accaggatcc	aaagatactc ttccagctga agtcccaaag	agagagaaaa acaaagtcag

FIG. 17B

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 121 cccaggccct ggtgtgttcc tctagtgcca gaaagatgtt tcatgctttg ctgactttgt
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421 gcattctttg caacaaatac acacgatgct caaaaatgtc caggagcatc caatttccaa
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781 agcaagcaaa caaacagact agaacaataa gaaagaaggg actggatttc ataatctctc
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901 aataaaaggt aaggatttat tttctttctt tcttttttt tttcttgaga cagagtctcg
961 ctcttactgc ccaggctgga gtacaatggc gcaatcttgg ctcacggcaa cctccgcctc
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1141 ggctggtctt gaactectga ceteatgtga tecaeetgee teageeteee aaagtgetgg
1201 gattacagge atgegecace gtgeeeggee aaagatttat ttteaagaat gaaacaaagt
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1561 gaaaagctaa ttgagaccta tttctccaaa aactaccaag actatgagta tctcatcaat
1621 gtgtaagtac ctgccctccc acacagaccc atctttttt tccctctctc catcctggag
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1741 tecegagtet tecetetgtg ca
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181				accggcgcag		
241				agcgcaacgg		
301				tctttggagc		
361				atcctcagga		
421				ctcgtcccca		
481				ggctgcagcc		
541				ttcaaaggtt		
601				tttgtacaat		
661				ggtaccacaa		
721	gagtctaaaa	tgctgctcat	gtgattgaga	cttgggcacc	tgagctràga	gggaggatgg
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F1G.17D.

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181	tgtgtttcta	catctgcagg	ctgatgctga	tttctaacca	acccatgtca	atcattttag
241	tttgtgggca	tcacctatgc	cctgaccgtt	gtgtggctcc	tggtgtttgc	ctgctctgct
301				accacctgcc		
361	aagacctctg	ccagtatagg	cagtctctgt	gctgatgcca	gaatgtatgg	tgagttaggg
421	tacgggtgct	ttggctctcc	tacccactat	ggaagcacta	tatatttggt	tattttctta
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661				ggttdsacca		
721				taattgttgg		
781				ggggaaagtc		
841				cttacttagg		
901				tgtccatctg		
961				ctaataccat		
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1081				tgagcataga		
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F1G.17E

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F1G.17F

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    121 ygctatgtcc caggtcttgc tgatagtgct acagtgccct gtgaatgtag tgtgctcatt
    181 gtgcagatta aaaacctaag gcactgaagg gtgaagtgat ttatctgaag ttattttata
    241 aagcagtgat cagacaasct gagctcacag aactccctgg cccctactgc tgaggtttcc
    301 atacagagte aagtaattte teacettgta aaacgaattg atteattaac caggggagag
    361 ctctactgca tgatgtggct gtgtgtctac agcaagcacc ctatgactct aagtcactcg
    421 gacatattga tgtggcaaag cccaaatatt gttcacttcc ctgaggaaaa ctcagtgcta
    601 tgggatgtac tgctttttgc agagcatggg tttttccctt atttagttat gattttattt
    661 ctaccettce teatteceaa agggatttga ggagggagtg etttettte tacteteatt
    721 cacattetet ettetgttee etacagetea cetteatgat tgetgeeact tacaaetttg
    781 ccgtccttaa actcatgggc cgaggcacca agttctgatc ccccgtagaa atcccccttt
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  1201 gtacagagaa ggaatgtett tggteetett geeatetata ggggeeaaat atattetett
  1261 tggtgtacaa aatggaattc attctgcgtc tctctattac actgaagata gaagaaaaa
  1321 gaatgtcaga aaaacaataa gagcgtttgc ccaaatctgc ctattgcagc tgggagaagg
  1381 gggtcaaagc aaggatettt cacccacaga aagagagcac tgaccccgat ggcgatggac
  1441 tactgaagec ctaactcage caacettact tacageataa gggagegtag aatetgtgta
  1501 gacgaagggg gcatctggcc ttactcctcg ttagggaaga gaaacagggt cttgtcagca
  1561 tetteteact ceetteteet tgataacage taccatgaca accetgtggt ttecaaggag
  1621 ctgagaatag aaggaaacta gcttacatga gaacagactg gcctgaggag cagcagttgc
  1681 tggtggctaa tggtgtaacc tgagatggcc ctctggtaga cacaggatag ataactcttt
  1741 ggatagcatg tettttttc tgttaattag ttgtgtactc tggcctctgt catatettca
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- 1861 tgatttgttt tagaatgatg cacattteat gtattccagt ttgtttatta cttatttggg
  1921 gttgcatcag aaatgtctgg agaataattc tttgattatg actgtttttt aaactaggaa
  1981 aattggacat taagcatcac aaatgatatt aaaaattggc tagttgaatc tattgggatt
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  2341 gtcttttaat gtttttgtta actttgggtt aaaaaaaaa aaagtctgat tggttttaat
  2461 caaagtggtt tcagcaatat ttaaggagat gtaagagctt tacaaaaaga cacttgatac
 2521 ttgttttcaa accagtatac aagataaget tecaggetge atagaaggag gagagggaaa
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 2761 atagaattgc aattttaaca cacataaagg ataaactttt agaaacttat cttacaaagt
 2821 gtattttata aaattaaaga aaataaaatt aagaatgttc tcaatcaaac atcgtgtcct
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```

FIG. 18A

```
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   61 gcatttgaaa catggctagt gtaatcaatg aaccaaattt ttaattttat ttaattgtaa
  121 ttaattttaa gtggccacat gcagggagtg actgctgcat tggacagcac ggctctaaat
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 481 cacacctgac attcatctca tgacttccct aaaaacattc tttgggaaca agaaactaac
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 721 cttttgacta gtcagtaggg ctggggtgga ttggaggaag cttacatatt ccatgaacaa.
 781 gcctcttcct aaggtcctgt aagtgatect gccccactga ttagccccta gaagaccctt
 841 caaaggttgg atctccagga gggagtgggg gaggaaagcc ctgtaccagg cagcctctgc
 901 tecattgete tgggggggtg gggaagacaa accetggtea teceeteagt etgtageeet
     tttgtgtgag tgcctggcaa gggtgacgtg gggctgtttc tgcgggcaca gctgcagcaa
1021 ttaccggagt ggaggcaggg cccaggcagc actgccctcc aagatettec cttgggettt
1081 tcagcagtaa ggggacatgc accccaaggg cctccacttg gcctgacctt gctgcggggg
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1261 atgtttttt tcctgccctg gggagaccct gaaaacagaa aggctagttt cctgggggtt
1321 ageteettea aacateetea agttggtata ttatetttet aaaacataga eetaetgaca
1381 tgcctccctt cctcagaaac cttccgtggg tggttcttac agccttcaag atggagtcca
1441 gactetttt tttttttggg acagagtete cetetgttge teaggetgga gtgeagtgge
1501 atgatetegg eteactgeaa ceteageete eetggtteaa gegattetee tgaettggee
1561 teceaagtag eggagaetae aggegeetge caccacacce agetaaattt gttettttet
1621 ttetttttt ttttttttgg gattttagga eagaeggggt tteaeatgtt ggeeaggatg
1681 gtctcgatct cttgacctgc tgatccgccc gcctcagctt cccaaagtac tgggattatg
1741 ggcgtgagcc actgcactag gcctaatttt tttattttta gtagagatgg ggtttcacca
1801 tgttggccag getggtetgg aacccetgac etcaagtggt etgeceteet cageeteeca
1861 aagttetgag attacaggea tgagecattg egtetgaeee agaeteetta atgtgaetaa
1921 ctccaggett tccttggact acttcttact tgtctttcca getttgtctt ttcacctctc
1981 caattgagat aaaataataa caacctcttg gagttctcat caggattaca tgaaatgaga
2041 tatgtaacat gcttagcagt gcctgtccat agtaaatctc aataaatgtt tgtggaatta
2101 taatatettg teatgtttga gaetttgete tgeataatea ggeaceagta ggtttttata
2161 aaggaacccg tctgtcacgt gcagaggaga aataaacaga aagtttccca tcctcaggga
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2281 ttatttctta gtagctcaga atctgacttg agaaacacat ccacatagaa aaaaacaagg
2341 aactttttcg ggtcagggtc cgggacccac agtgaggtgg aagatacagg ggaaggaaga
2401 gggaaataga gccatcccca gggtggaaga tctcagaaga gaatttggga aacaaggtat
2461 gaacaaggac tgaatagtga gaagtgatgg agagacagct aaagtagatg gagtgtcaaa
2521 accaaaacct ctaagggtag aataggcagc aatttggcca agtcctaaca gggaggccca
2581 taggaggatt caacctcaag atgctgtgcc acattccaag agggaaccta aaggctgggc
2641 tgaagagtca gagatggcta cagctggcaa aaagatgggc agatgctgag aggagatgat
2701 tgctaaaatg ttctgtccag gacattcaca gtatctctat aaccagagtc ttttttgtcg
2761 ttgttgttct caagaaggaa acttgaggcc gggtgtggtg gtttatgccc ataatcccag
2821 cgctttgggg ccaaggcagg cggatcacct gaggtcagga gttcgagacc agcctggcca
2881 acagtgtgaa acctcatctt tactaaaaat acaaaaatta gctggatgcg gcggtaggtg
2941 cctgtaatgc cagctactcg ggaggctgag gcaggagaat cacttgaacc tgggaggcgg
3001 aggttgcagg gaggcggagg ttgcagtgag ccaagattgc accactgcac tccagcctgg
```

F/G. 18B

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3061 gcgacagaga gtaagactgt ctcaaaaaat aaatgaataa ataaaaagga agaagaagaa
 3121 gaagaacaat tgcaatcete cetggeteta gaatgteatt taaaagtega gtgtettett
 3181 ccttccctgt tttgaagcag cccttctcat gacaggcttg cttgccaagg ttccctctga
 3241 ccttaaatct cttccttttg gtgtcttgga cagggcagtt cagagtgata ggaccaagac
 3301 accetateeg ggetetggte ggggatgaag tggaattgee atgtegeata teteetggga
 3361 agaacgetae aggeatggag gtggggtggt accgecece ettetetagg gtggtteate
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 3541 totcagatga aggaggttte acctgettet teegagatea ttettaceaa gaggaggeag.
 3601 caatggaatt gaaagtagaa ggtgagtagt gccatataat attaggtatt aactgttggg
 3661 tggccaagaa caattattet etcaactgag atgagateee teaacceaaa cateteagte
 3721 ctgggaatga tttccataaa aatgtacaca tcaataaaca gaaactcatg cttagggatg
 3781 tctgttgcat cattattcag agtagcaagg aaattgggat caaaatcaat gcctttgagt
 3841 aggtaagtga cagaatgaac aatggtagcc atactgtgaa tattatgcag ggattaaaaa
 3901 gattatttta gcactaggcc agatggtttg gggggctcct ctaaggtatt attgagtgat
 4021 ctcgcagcta ctcaggaggc tgagacggga ggctggcttg agcccagggg tttgcagtta
 4081 cagtgageta tgattgeace actgeacted aaccegggtg acagageaaa gacetteace
 4141 cccactccct acccgtctct aaaaaaaaca aaaacaaaaa caaaaaaacc cttgggccca
 4201 gcgccgtggc tcacgcctgt aatcccagca ctgtgggagg ccgaggtggg cagatcacaa
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 4321 aaaaaaaaa aaaaattta gccaggcatg gtagcaggcg cctgtagtcc cagctactcg
 4381 ggaggctgag gcaggagaat ggcgtgaacc cggaagcgga ggttgcagtg agccaaaatc
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 4501 accetgtatt tgtgagegea cacacacaca cacacacaca cacacetgtg ettggteeta
. 4561 gtgaataagc aagtaaatca aatgtctaaa tataattata gaaaggagat gtcacctttt
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 4681 ttcttttctt ttttttttg acacagagtc tcgctctgta acccaggctg gagtgcaatg
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5821 agactttgcc tcaggggaga aagttetett ttgggttget atccacatte caaceteetg
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6001 tattgcaagt ctcaggtgta actacctctg ctctttctct gaagagtttc taatttctct
6061 tgtttactta ttttttctt gtcatttttg ggattttatt actagttgtc tctaatcctt .
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FIG. 18C

6121 totttaaatt ottoattatg aaacataaaa acaaatgoca ggoggggag otcacgootg taatcccagc actttgggag gccgaagcgg gcagatcacc cgggtcagga gttcgagacc 6241 agcctgatca acatggagaa accccgtctc tactaaaaaa tacaaaatta gctaggcgtg 6301 gtggcacatg ccagtaatcc cagctacttg agagactgag gcaggagaat cgcttgaacc 6361 gggaggcaga ggttgcggtg agccaagatc gcgccattgc actccagcct gggcaacaag 6421 agcaaaactc tgtctcaaaa aaaaaaaacc acatacaaac cagagataat attataatga 6481 gcctccaagt gcctaccacc ttgctgcagc acttgtcaat ccagggacca cccacctcac 6541 eggeteccea eteattacea eceteceeta eteaattaet gaggtaaate etaggeagea 6601 tgatcatttc tttttttct ttttatttat tttgagacag gatctgtctc tgtcacccag 6661 gctggagtgt agtggcatat ctctgctcac tgcagcctct gcctcccggg cagaagccat 6721 cctcccacct cagcctacat agtagctggg accacaggca cacaccacca cacactgcta atgttttgta ttttttgtag agactgggtt ttaccatgtt gatcaggctg gtctcaaact 6781 cctaggetca agcaateete ccacetegge eteccaaagt getagaatta caggegegag ccactgcacc cagcgaagaa cactttttaa aaaataaata ggccgggcgc ggtggctcac 6901 acctgtaatc ccagtacttt gggagcccaa ggagggcgaa tcatgaggtc aagagattga 6961 7021 gaccatccta agtaacatgg tgaaacccca tttctactac aaatacaaaa acaaaattag 7081 cctggcgtgg tggcaggcgc ctgtagtccc agctacttgg gagctgaggc aggagaatgg 7141 agtgaacccg ggaggcggag cttgcagtga gctgagatca tgccactgca ctcccccctg 7201 gggcaacaga gtgagactcc caaaaaaaaa aaaaaaagcc cccctcccc acacaaata 7261 atataaataa ataaataacc acaatactat tatcacatct tacaaactca acaaaaattt 7321 cttaatatca tcaaataccc agtttgtgtt caaattttcc tgattgtttc ataaatatac 7381 tottacagtt ggtttotttt agcgagatto aaatgagaco cacctgttga cotttgccct 7441 tagggtttcc cagggtctga attttgttga cgacattccc atgttgctat gtaatacggt cctccatgcc ctgtgttttt ctgtaaactg atagatgtgg aggtgcaatg acatttgtgt 7501 ttgatttact ttggcaaata tagttcatca gtgatactct atacttcttg ttgctttaca 7561 tccggaggct gataatgtct gcttttctct cttttctaat tatttgtgaa aggaaaaatg 7621 tggggggttg ggagaaaaa accettaagt acatactege taaatcacat tgctacaggt 7681 aacttccatt aagaacttga aagtaaaggt agctgcattt tcccctaggg aacacaatga 7741 tagacaggag cettagteta cagettgaag gattgtaatt atacetaage aacceteetg 7801 7861 gaccagttta atgttattag ctgtgatgta tccctacctt tgatgtcatt atccttactt agctccctta aagcagagat caagatgaaa agggcttcag ctgcagcatg gcacatggag 7921 7981 attagagtgg ggcttttgga tgctgaggag cagacctaga atgggaaata gatgggagcc 8041 acagaagtga aggtccccct ccctcattgc tcaacctact ccacatctcc aggtctgcac atctgttcag ttactgaatc ctgtgtaagc taccttcttt ttctttttc ttttattat 8161 ttatttattt ttttttgag atggagtttt gctcttgtta cccaggctgg agtgcaatgg 8221 tgcaatctcg gctcactgca ccctccaact cccaggttca tgcaattctc ctccctcagc 8281 cttccaagta gctgggatta caggctgcac caccatgtct ggctaatttt tgaaaaatca 8341 gtagagagag ggtttcacca tgttggccaa gccggtctcg aactcctgac ctcaagtgat 8401 ccacccacct tggcctccca aaatgctggg attacaggtg tgagccacca tgcccgctgt 8461 aaactacctt cttaaaagct ctagaagagg gcttttaacc ttttgttgtg tgtcatgcac cttccgcaag ctgatgaagt tgatagaccc atctcagaat ttttttttt tttttgagac 8521 8581 agtgtctcac tctgtcaccc aggattggtt gcagtggcac gatcatgggt cattgcagcc 8641 tccacctccc aggctcaagt gatcctcctg actcagcctc ttgaatagct gagaccacag 8701 gcttgtgtca ccatgcccag gtaattttta atttttttc gtagaggcag ggtctcacat 8761 tatgttgccc agtctggcct cgagaactcc tgggctcaag caatcttcct gccttgggct cccaaagtgg tgggattaca ggggagagcc accacaccta gccaggagga tgttttaaat 8881 acaccaaata aaacatttat acccaaatac agttatccaa atattaaatt aacaagagtt 8941 agggtgaccc tattaattag tgtaatttcc aaatagtaat gaacataagt gatagtttga 9001 gatttctgtg acttttctaa tgtgacgtga aaatatttgt gatttttctt tttcttttt 9061 ttttttgaga tggagtttcg ctcttgttgc ccaggctgga gtgcaatggc aagatctcgg 9121 ctcacctcaa cctccgcctc ctgggttcaa gcgattctcc tgcctcagcc tcttgagtag

FIG. 18D

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 9541
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 9661
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 9721
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 9781
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 9841
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 9901
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 9961
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10021
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10561
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10801
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10861
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10981
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11041
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11161
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11281
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11401
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11461
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11581
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11701
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12061
       gtttaactcc ttatgcacat gatctctctt ttcaggaatg ccaaaacaga ggtaaataga
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12181
```

FIG. 18E

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 12421
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 12541
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 12601
 12661
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 12721
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12901
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12961
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13021
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13321
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13381
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13621
13681
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13741
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13801
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13861
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13981
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15001
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       ctagttcaat ggttttatga tacaaactac tgacatacgt ttttcaagtt attttctcct
15061
15121
       tettetagga aateeettet gagtgatgte acatettgge aggggtggag gagageetgg
15181
       ttgcccaggg atttgtcctt ggggacatct catccatcaa gttgcacact cactggcatc
15241
       tttgctatgg ggacattcca atttgcactt tcaggaacac tctgaattec aagtagaatt
```

F1G.18F

15301					cccattttta	
15361	ttccatttct	ctctccagtc	ttccacctgg	aagccctctc	tggctaagga	caggcaggtg
15421	cccctctctc	catcagagga	cacctgtact	ggagagcaac	acaggatggt	ctctgccatg
15481	aactggaggc	caggaatctc	ctcactgaaa	attacagtat	ggtaactttg	caaatggtgg
15541	ttgtttcttc	caagactcca	gccctgattg	cgcaaaactg	aaaggcatgt	gaagggaagg
15601	aagaggaaga	gtgcaaaaca	ttgaagagag	agctgagtga	gctgaagagt	gaggatatga
15661					gaatactagc	
15721	ccttgtcttg	gcagcctact	agggacctgg	ggaagcaaaa	acgaaagctg	ggcaacatgc
15781	ctgctttaga	atgttttcct	tctacttaca	catcttccac	aggtctcaga	atctttcctt
15841					tccactgttt	
15901					taattaataa	
15961					tttgggaggc	
16021					tggtgaaacc	
16081	taaaaataca	aacaattaac	tgagcatagt	ggtgggcacc	tataatacca	gctactccgg ·
16141	aggctgaggc	aggagaatcg	cttgaaccca	ggaggcagag	gttgcagtga	gctgagatcg
16201	cgccactgca	ctctagccgg	agtgacagag	taagactctg	tctcaaaaat	aaataaataa
16261	ataaataaat	aaataaataa	ataaataaaa	aataataata	caagttttca	taagcacact
16321	tctaacccct	tgtcttttat	gtatttcctt	ccttatccac	gcacctgtct	ccctctactc
16381					acacaaagaa	
16441					tcctttgttt	
16501					atcctggggg	
16561					tcatgagaga	
16621					cacaggtcct	
16681					gagaggtcac	
16741					accagcctgg	
16801					gtgaggtggc	
16861					tgggggcaac	
16921	gagtcttgag	ggcttcactg	gatgagagtt	ggatctggca	tcctgacaga	gggttccagt
16981	gatgggtgcc	tgggtcctgg	tcacaggtgc	ttggttctta	agtacagatg	cctggttctg
17041					ctggccactg	
17101					atgggtgtct	
17161					tccactggct	
17221					aagctcttcc	
17281	gcatgaatgg	ggccggtaac	ccagatggac	gcggcggtga	cgacttagtc	cagaagcatc
17341	acagtaggtc	ttgtcacaga	gcgtgcaaca	gaagggcctc	tccccaagat	gcatgcgtct
17401					cactgactgc	
17461	cagcttggga	ttgtgaacaa	actggtggct	atagaggtag	gagcgcctgc	tgaaacattt
17521	ggcacaggtg	tagcaaaa		•	•	

FIG. 19

F1G.21

1 masqkrpsqr hgskylatas tmdharhgfl prhrdtgild sigrffggdr gapkrgsgkd 61 shhpartahy gslpqkshgr tqdenpvvhf fknivtprtp ppsqgkgrgl slsrfswgae 121 gqrpgfgygg rasdyksahk gfkgvdaggt lskifklggr dsrsgspmar r

F1G.22

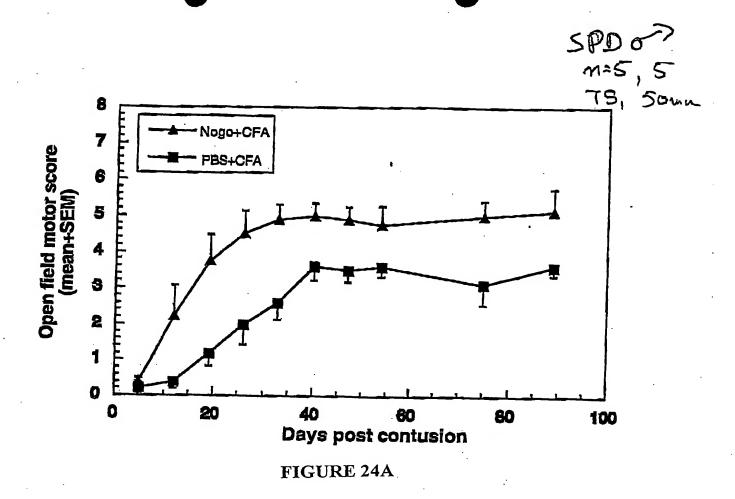
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121 qkgrgsrgqh qahslervch clgkwlghpd kityaltvvw llvfacsavp vyiyfntwtt
181 cqsiafpskt sasigslcad armygvlpwn afpgkvcgsn llsicktaef qmtfhlfiaa
241 fvgaaatlvs lltfmiaaty nfavlklmgr gtkf

F1G.23

1 maslsrpslp sclcsfllll llqvsssyag qfrvigprhp iralvgdeve lpcrispgkn 61 atgmevgwyr ppfsrvvhly rngkdqdgdq apeyrgrtel lkdaigegkv tlrirnvrfs 121 deggftcffr dhsyqeeaam elkvedpfyw vspgvlvlla vlpvlllqit lglvflclqy 181 rlrgklraei enlhrtfdph flrvpcwkit lfvivpvlgp lvaliicynw lhrrlagqfl 241 eelrnpf

F1G.20

```
1 ctgtatcagt gctcctcgtc gcctcactgt acttcacgga agagacttgg ttgactggcc
   61 acttggagcg gaatcaggag acattcccaa ctcagagaga ctgagcccta gctcgcccac
  121 ttgctggaca agatgatatt ccttaccacc ctgcctctgt tttggataat gatttcagct
  181 tctcgagggg ggcactgggg tgcctggatg ccctcgtcca tctcagcctt cgagggcacg
  241 tgtgtctcca tcccctgccg tttcgacttc ccggatgagc tcagaccggc tgtggtacat
  301 ggcgtctggt atttcaacag tccctacccc aagaactacc cgccagtggt cttcaagtcc
  361 cgcacacaag tggtccacga gagcttccag ggccgtagcc gcctgttggg agacctgggc
  421 ctacgaaact gcaccetget teteageacg etgagecetg agetgggagg gaaatactat
  481 ttccgaggtg acctgggcgg ctacaaccag tacaccttct cggagcacag cgtcctggac
  541 atcatcaaca cccccaacat cgtggtgccc ccagaagtgg tggcaggaac ggaagtagag
  661 cacgaggggc taggggagcc cactgttctg ggtcggctgc gggaggatga aggcacctgg
  721 gtgcaggtgt cactgctaca cttcgtgcct actagagagg ccaacggcca ccgtctgggc
 781 tgtcaggctg ccttccccaa caccaccttg cagttcgagg gttacgccag tctggacgtc
 841 aagtaccccc cggtgattgt ggagatgaat tcctctgtgg aggccattga gggctcccac
 901 gtcagcctgc tctgtggggc tgacagcaac ccgccaccgc tgctgacttg gatgcgggat
 961 gggatggtgt tgagggaggc agttgctgag agcctgtacc tggatctgga ggaggtgacc
1021 ccagcagagg acggcatcta tgcttgcctg gcagagaatg cctatggcca ggacaaccgc
1081 acggtggagc tgagcgtcat gtatgcacct tggaagccca cagtgaatgg gacggtggtg
1141 gcggtagagg gggagacagt ctccatcctg tgttccacac agagcaaccc ggaccctatt
1201 ctcaccatct tcaaggagaa gcagatcctg gccacggtca tctatgagag tcagctgcag
1261 ctggaactcc ctgcagtgac gcccgaggac gatggggagt actggtgttgt agctgagaac
1321 cagtatggcc agagagccac cgccttcaac ctgtctgtgg agtttgctcc cataatcctt
1381 ctggaatcgc actgtgcagc ggccagagac accgtgcagt gcctgtgtgt ggtaaaatcc
1441 aacceggaac ceteegtgge etttgagetg eetteeegea aegtgaetgt gaacgagaea
     gagagggagt ttgtgtactc agagcgcagc ggcctcctgc tcaccagcat cctcacgctc
1561 cggggtcagg cccaagcccc accccgcgtc atttgtacct ccaggaacct ctacggcacc
1621 cagagecteg agetgeettt ceagggagea caeegaetga tgtgggeeaa aateggeet
1681 gtgggtgctg tggtcgcctt tgccatcctg attgccattg tctgctacat cacccagaca
1741 agaagaaaaa agaacgtcac agagagcccc agcttctcag cgggagacaa ccctcatgtc
1801 ctgtacagec eegaatteeg aatetetgga geacetgata agtatgagag tgagaagege
1861 ctggggtccg agaggaggct gctgggcctt aggggggaac ccccagaact ggacctcagt
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1981 ctggctgagt acgcagaaat ccgagtcaag tga
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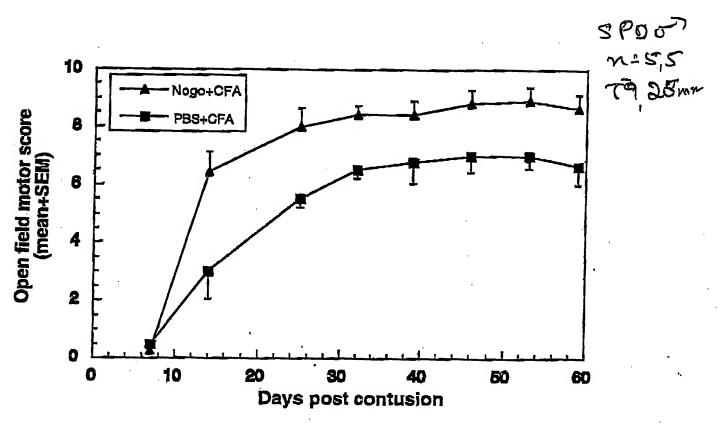
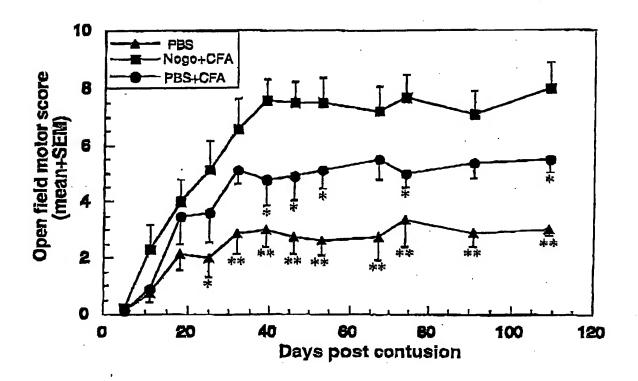


FIGURE 24B



SPD females (n=5), 50mm T9 contusion, CFA 1mg/ml after the contusion, boost with IFA 7 days later.

t-test: *P< 0.05, **P<0.01 compared to Nogo+CFA